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(54)Title: COMMUNICATION CONTROL SYSTEM AND COMMUNICATION CONTROL METHOD

(54)発明の名称   通信制御システム及び通信制御方法

(57) Abstract

A communication control system (10) comprising a balance database (18) in which the prepaid money of each caller (12) is stored together with the caller number, a charge database (20) in which the charge system of each communication company is stored, a balance checking part (26) for checking the balance of a caller number by searching the balance database (18) with the caller number, a call permission determining part (28) for determining the permission of a calling of the caller based on the balance of the caller, a communication company specifying part (29) for specifying a communication company (A) based on the input number inputted through a caller terminal (13), a line switch (16) and line control part (24) for connecting the caller terminal (13) with the called terminal (32) through an exchange (α) of the specified communication company (A), a speech time measuring part (34) for measuring the speech time, a telephone charge calculating part (36) for calculating the speech time and the telephone charge according to the charge system of the communication company (A), and a balance updating part (38) for subtracting the telephone charge from the balance of the caller (12).

16 ... LINE SWITCH	30 ... SPEECH PERMISSIBLE TIME CALCULATING SECTION
18 ... BALANCE DB	34 ... SPEECH TIME MEASURING PART
20 ... CHARGE DB	36 ... TELEPHONE CHARGE CALCULATING PART
24 ... LINE CONTROL PART	38 ... BALANCE UPDATING PART
26 ... BALANCE CHECKING PART	40 ... MESSAGE GENERATING PART
28 ... CALL PERMISSION DETERMINING PART	42 ... SPEECH SYNTHESIZER
29 ... COMMUNICATION COMPANY SPECIFYING PART	48 ... BALANCE INPUT UNIT